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Kotlyarskiy, L. B.
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Vibratsii). [1961] [7]p. (foreign text included).
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Trans. of Legkaya Prom[yshlennost'] (USSR) 1958,
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DESCRIPTORS: *Textiles, *Dyeing, *Ultrasonics,
Ultrasonic radiation.

The duration of the dyeing process was reduced by 40%.
The rate of dye uptake increased by 40 to 50%. The
color of the fabric was uniform.

(Materials--Textiles, TT, v. 6, no. 1)

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CIA 645987-V

ATIC P-TB-9542/V

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FOR SHORT PERIODS AT 200°C. [1962].
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Trans. of mono. Legkie Splavy, Moscow [1958]
p. 123-132.

Another trans. is available from LC or SLA mi\$9.60,
pb\$33.30 in 59-19774, F-TS-9542, pt. 1 [1959] 233p.

DESCRIPTORS: *Magnesium alloys, *Copper alloys,
*Aluminum alloys, Mechanical properties, *Deforma-
tion, Hardening, Heating, Temperature, *Alloys

(Metallurgy, TT, v. 9, no. 1)

63-12179

- I. Title: Light alloys
- I. Shilova, E. I.
- II. FRI Trans-176
- III. Fulmer Research Inst.,
Ltd. (Gt. Brit.)

Office of Technical Services

CHANGE IN THE MECHANICAL PROPERTIES OF ALUMINUM-
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DEFORMATION IN THE FRESHLY-HARDENED STATE AND OF
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PP 123-132.

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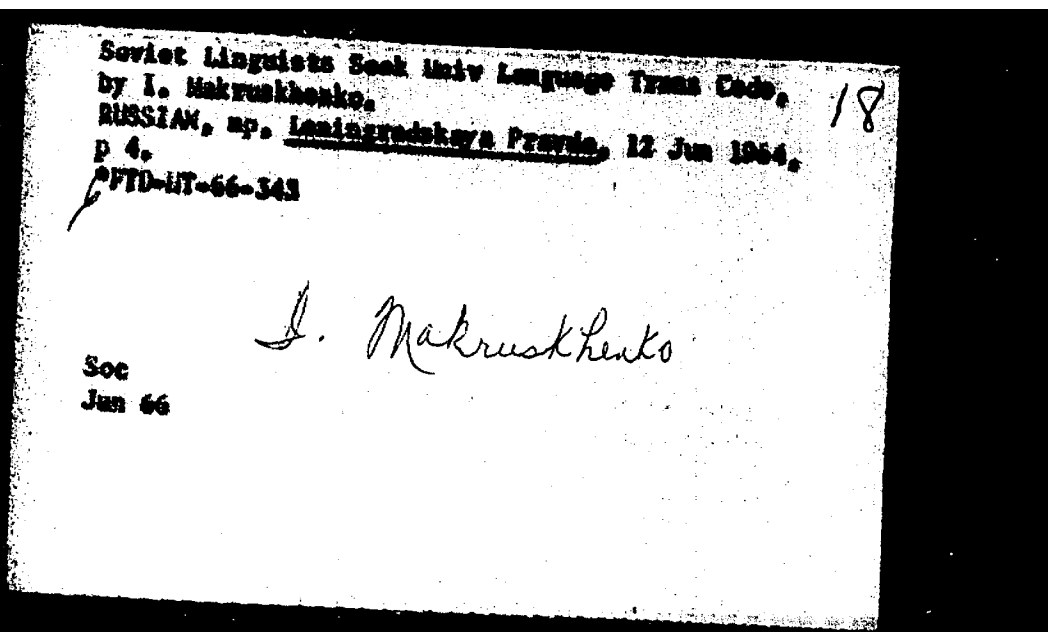
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CFSTI TT-61-16681

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 (Metallurgy--Corrosion, TT, v. 11, no. 1) (over)

TT-63-19243

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- II. Sibirskaya, V. V.
- III. Title: On . . .
- IV. Title: Structure . . .
- V. Title: K . . .
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no. 240 [p. 52-60].

DESCRIPTORS: *Rhythm, Malaria, *Mosquitoes,
*Photoperiodism, Climatic factors, Light, Tempera-
ture, Time, Ovaries, Reproduction, Growth

The physiological state of females of *A. maculipennis*
messae is determined by the illumination program dur-
ing the developmental cycle: a short day (12 to 15 hr
light out of the 24) brings about effectual diapause in all
individuals; a long day (20 to 22 hr) evokes development
without diapause to 100% diapause is gradual, with
about 50% of individuals in diapause at the 16 hr day
(at 23°C). The varying duration of illumination during
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DESCRIPTORS: *Moths, *Fruits, *Insect control.

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(Agriculture--Plant Cultivation, TT, v. 7, no. 10)

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DESCRIPTORS: *Seismic waves, Mechanical waves,
*Absorption, *Models (Simulations), Rock (Geology),
Fracture (Mechanics), Design, Tests.

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Magnetic Susceptibility, by Yu. I. Kudryavtsev.
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